## NOTICE OF FILING/CLAIM FEE(S) DUE

TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THIS FEE CALCULATION SHEET WITH YOUR RESPONSE.

APPLICATION NUMBER: 09.042488	
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FORM OIPE-RAM-01 (Rev. 5/97)

## Total Fee Calculation

		Total Fee	Calcula	non			
	Fee Code	Total # Claims	Number Extra	<u>x</u>	Fee	Fee =	<u>Total</u>
	Sm./Lg.		•		Sm. Entity	Lg. Entity	
Basic Filing Fee	201/101	,				790.	790.
Total Claims >20	203/103		14	x		22.	308-
Independent Claims >3	202/102	<u>7</u> -3 =	4	x		82.	328.
Mult. Dep Claim Present	204/104					<del></del>	<u> </u>
Surcharge	205/105					130.	130.
English Translation	139					700	<u>/////</u>
TOTAL FEE CALCUL	ATION					·	. <u>1556</u>
Fees due upon filing th	he application:				_		
Total Filing Fees Due		556.			Offi	i.ce	
Less Filing Fees Subm	itted - \$				Cop	24	
BALANCE DUE	=\$	1556.	· 		/		
Office of Initial Patent	Examination						./
	•					•	/

						Application	or D	ocket Nur	nber	
	PATENT A			DETERMINATI nber 29, 1999	ON RECORI	D	191	TY	W.	00
		CLAIMS	(Column 1)		<u>~`</u>		LL ENTITY	•	OTHER	
FO	)R	NUI	(Column 1) MBER FILED	NUMBER	umn 2) EXTRA	TYP		OR 7 I		
	SIC FEE		1,			RATE	<del></del>	4 _!	RATE	FEE
	TAL CLAIMS	<del></del>	+/ minus	20=   1	$\frac{1}{2}$		345.00	OR		690.00
	<del></del>	<del></del>	17		4	X\$ 9	=	OR	X\$18=	134.C
	DEPENDENT CL		minus	; 3 =   *	<i>l</i>	X39=	=	OR	X78=	156.0
Mυ	ILTIPLE DEPEN	IDENT CLAIR	M PHESENT	1		+130:	<i>)</i> =	OR	+260=	
* If	the difference	in column 1	1 is less than z	ero, enter "0" in o	column 2	TOTA	AL	OR	L	WY.
	C		S AMENDE	D - PART II				_	OTHER	-
—		(Column		(Column 2)	(Column 3)	SMAL	LL ENTITY	OR	SMALL	
ENT A		REMAINING AFTER AMENDMEN	NG	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- E TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	.*	Minus	***	=	X39=	=	OR	X78=	
	FIRST PRESE	NTATION OF	F MULTIPLE DE	PENDENT CLAIM	i	120		1 1	200-	
						+130= TOT		OR	+260= TOTAL	
				, . ->		ADDIT. FE		OR ,	ADDIT. FEE	
$\neg$		(Column CLAIMS		(Column 2) HIGHEST	(Column 3)			<b>,</b>	· · · · ·	
DMENT B		REMAINING AFTER AMENDMEN	lG	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- E TIONAL FEE		RATE	ADDI- TIONAL FEE
NDN	Total	*	Minus	**	=	X\$ 9=	= ]	OR	X\$18=	
AMEN	Independent	*	Minus	***	=	X39=	<u> </u>	OR	X78=	
	FIRST PRESE	NTATION OF	- MULTIPLE DE	PENDENT CLAIM		-		1 I		
						+130≈		OR	+260= TOTAL	<b></b>
						ADDIT. FE		OR ,	ADDIT. FEE	
· <del></del>		(Column 1		(Column 2)	(Column 3)			- ,	· .	
IENT C		REMAINING AFTER AMENDMEN	IG	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X39=		1 1	X78=	
	FIRST PRESE	NTATION OF	- MULTIPLE DEI	PENDENT CLAIM				OR		<u> </u>
* 11	f the entry in colur	mn 1 is less th	en the entry in colu	umn 2, write "0" in co	dumn Q	+130=		OR	+260=	<u></u>
**	f the "Highest Nun	mber Previousl	ly Paid For" IN THI	IIS SPACE is less tha	an 20. enter "20."	TOTA ADDIT. FE		or ,	TOTAL ADDIT. FEE	
T	he "Highest Num	ber Previously	/ Paid For" (Total o	or Independent) is the	highest number for	und in the	appropriate bo	x in col	umn 1.	•.

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 <u>.</u>	

**Application or Docket Number** 

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL TYPE	ENTITY	OR		R THAN ENTITY
FOR		NUMBE	R FILED	NUMBEI	R EXTRA	RATE	FEE		RATE	FEE
BASI	C FEE		x				395.00	OR	ş 5.1	790.00
TOTA	AL CLAIMS	3	hinus minus	20 = *	14	x\$11=		OR	x\$22=	308-
INDE	NDEPENDENT CLAIMS 7 minus 3 = * 4				4	x41=		OR	x82=	328
MUL	TIPLE DEPEND	ENT CLAIM PRE	SENT	<del></del>		+135=		OR	+270=	<u> </u>
* If the difference in column 1 is less than zero, enter "0" in column 2					TOTAL		OR	TOTAL	1426	
		CLAIMS AS	AMENDED	- PART II				On		R THAN
	<del>} - 2 **********</del> *** - a	(Column 1)		(Column 2)	(Column 3)	SMALI	_ ENTITY	OR		ENTITY
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MON	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
ME	Independent	*	Minus	***	=	x41=		OR	x82=	
٨	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT C	CLAIM	+135=		OR	+270=	
(Column 1) (Column 2) (Column 3)						TOTAL ADDIT. FEE		OR ,	TOTAL ADDIT. FEE	
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MENDMENT	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
	Independent	*	Minus	***	=	x41=		OR	x82=	
4	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT C	CLAIM	+135=		OR	+270=	
		(Column 1)		(Column 2)	(Column 3)	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
ENTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MOZ	Total	*	Minus	**	=	x\$11=		OR	x\$22=	
AMENDMENT	Independent	*	Minus	***	=	x41=		OR	x82=	
4	FIRST PRE	SENTATION OF	MULTIPLE	DEPENDENT C	CLAIM	+135=		OR	+270=	
** If	It the "Highest Number Previously Paid For IN 1 His SPACE is less than 20 enter 20									

## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application	or Docket	Number
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	09	042	488
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CLAIMS AS FILED - PART I (Column 1) (Column		mn 2)	SMALL ENTITY TYPE		TITY '	OR	OTHER SMALL					
TC	TAL CLÀIMS		,	· /			RATE	= 1	FEE	<b>I</b>	RATE	FEE
FO	R		NUMBER F	ILED	NUMB	ER EXTRA	BASIC		355.00	OR	BASIC FEE	710.00
то	TAL CHARGEA	BLE CLAIMS	U6 min	us 20=	*		X\$ 9	=		OR	X\$18=	
IND	EPENDENT CL	AIMS		nus 3 =	<u> </u>		X40=	=		OR	X80=	
MU	LTIPLE DEPEN	DENT CLAIM P	RESENT				+135	=		OR	+270=	
* If	the difference	in column 1 is	less than ze	ro, ente	r "0" in c	olumn 2	TOTA	L		OR	TOTAL	
	С	LAIMS AS A	MENDED	- PAR	T II						OTHER	
		(Column 1)	**************************************		mn 2)	(Column 3)	SMAL	L E	NTITY	OR	SMALL	
IENT 🗡		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST IBER OUSLY FOR	PRESENT EXTRA	RATE		ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
<b>AMENDMENT</b>	Total	*	Minus	**		=	X\$ 9:	<u> </u>		OR	X\$18=	
AME	Independent	* NTATION OF M	Minus	*** *	TCLAIM	=	X40=			OR	X80=	
							+135:	=	:	OR	+270=	
							TOT ADDIT. F			OR	TOTAL ADDIT. FEE	
		(Column 1)		(Colu	mn 2)	(Column 3)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					•
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST IBER OUSLY FOR	PRESENT EXTRA	RATE	<u> </u>	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
N N	Total	*	Minus	**		=	X\$ 9=	=		OR	X\$18=	•*
AME	Independent	*	Minus	***		<u> </u> =	X40=			OR	X80=	
L	FIRST PRESE	NTATION OF M	JETIPLE DEP	ENDEN	CLAIM		+135=	=		OR	+270=	
							TOT ADDIT. F			OR	TOTAL ADDIT. FEE	
		(Column 1)	·	(Colu	mn 2)	(Column 3)	ADDIT. F			•		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVI	HEST IBER OUSLY FOR	PRESENT EXTRA	RATE		ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDIN	Total	*	Minus	**	·	=	X\$ 9=	-		OR	X\$18=	
AME	Independent	*	Minus	***	T CL 4144	]=	X40=	1		OR	X80=	
<u>L</u>	FIRST PRESE	NTATION OF M	ULTIPLE DEF	CNUEN	CLAIM		+135=	_		OR	+270=	
*	f the entry in colu	mn 1 is less than t	he entry in colu	mn 2, writ	e "0" in co	lumn 3.	TOT	AL		OR	TOTAL	
***	If the "Highest Nu	mber Previously P mber Previously P	aid For" IN THE	S SPACE	is less tha	ın 3, enter "3."	A0011.11				ADDIT. FEE	
	The "Highest Num	nber Previously Pa	id For" (Total or	Independ	dent) is the	nighest numbe	r found in the	app	ropriate box	(in co	iumn 1.	